

AMENDMENTS TO THE CLAIMS

Please enter the following amendments:

1 – 5. (Canceled)

6. (Previously Presented) A video signal recording apparatus comprising:
a video and audio memorizing section for temporarily memorizing an inputted video
audio signal;
a time code generating section for generating a timecode of said video audio signal;
an auxiliary information memorizing section for temporarily memorizing auxiliary
information appended to said video audio signal including said time code;
a recording/reproduction section for recording sequentially a video audio signal read
from said video audio memorizing section and auxiliary information read from said auxiliary
information memorizing section on a recording medium and reproducing said video audio signal
and auxiliary information recorded thereon; and
a controlling section for:
controlling write and read operations of said video audio signal with respect to said video
and audio memorizing section,
controlling write and read operations of said auxiliary information with respect to said
auxiliary information memorizing section and write and read operations of said auxiliary
information with respect to said recording/reproduction section,
storing said video audio signals equivalent to a time length equal to or exceeding an
amount of time required from a time point when a recording-start request with respect to the

recording medium is made until the recording actually starts with respect to the recording medium to said video and audio memorizing section and thereby delay to record on said recording medium,

storing said auxiliary information appended to said video audio signals for a time period equal to the delay of said video audio signals to said auxiliary information memorizing section and thereby delay to record on said recording medium,

reproducing a time code which is included in an auxiliary information recorded previously and located immediately before a recording starting point where said recording/reproduction section starts to record next on said recording medium to maintain as a recorded time code,

generating a regeneration value obtained from a time code to which one frame time is added to said recorded time code when a recording starts,

replacing sequentially said time codes in said auxiliary information outputted from said auxiliary information memorizing section with time codes in series starting from said regeneration value and thereby recording on said recording medium as a new auxiliary information, and

correcting said regeneration value for an amount of delay corresponding to a storage volume temporarily memorized in said auxiliary information memorizing section and thus obtaining a corrected time code, and thereafter sequential time codes are generated from said corrected time code though said time code generating section.